

MPS Catalog Number:

S1 40 80 036 VX SS 021

Date:

09/03/2013

END FITTINGS

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-5)

MATERIAL

Corona Ring (Tower):

None

Corona Ring (Line):

None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

21 standard

Rod Diameter:

16 mm

Weight Estimate:

11 lbs

5 kg

DIMENSIONAL VALUES

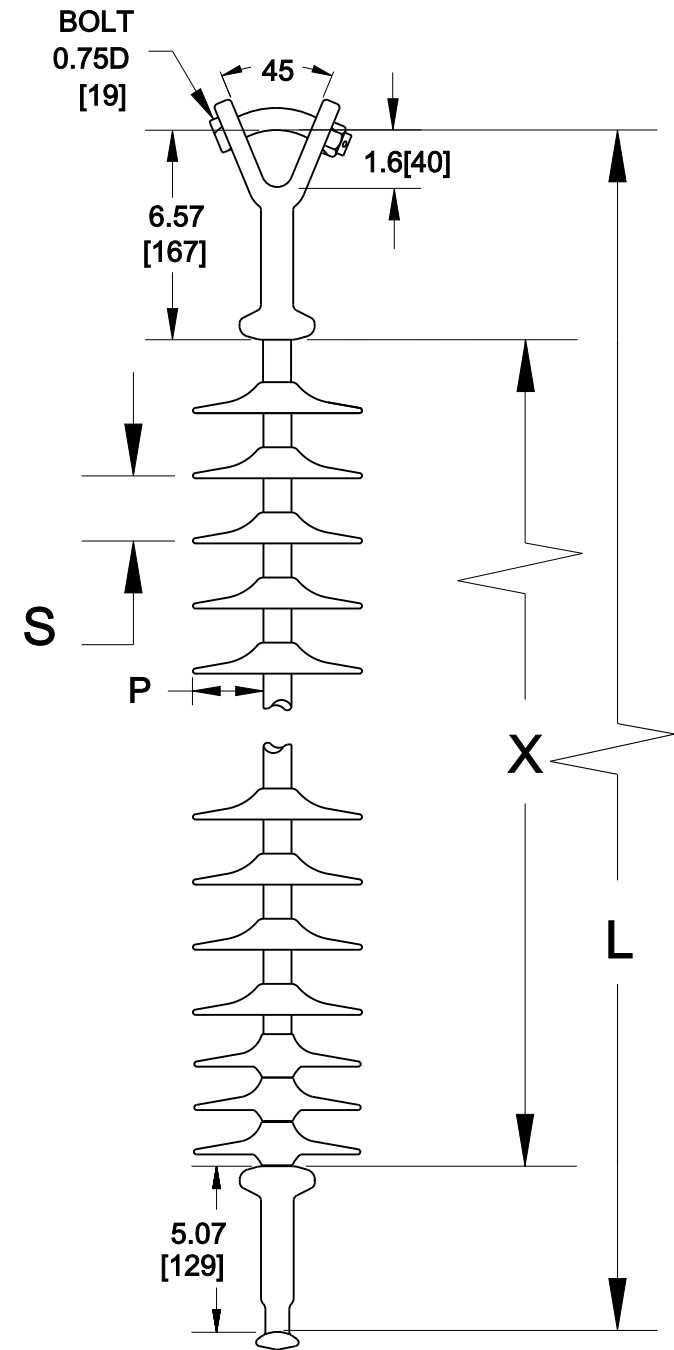
| | | |
|---------------------------|----------|----------|
| Section Length (L): | 47.2 in | 1,199 mm |
| Rubber Length (X): | 36 in | 903 mm |
| Standard Shed Height (P): | 2.1 in | 54 mm |
| Shed Spacing (S): | 1.68 in | 43 mm |
| Dry Arc Distance: | 39.2 in | 996 mm |
| Leakage Distance: | 115.8 in | 2,941 mm |

ELECTRICAL VALUES

| | | | |
|----------------------------------|--------|-----------------|--------|
| 60 Hz Dry Flashover: | 388 kV | Min. Withstand: | 360 kV |
| 60 Hz Wet Flashover: | 349 kV | Min. Withstand: | 304 kV |
| Pos. Critical Impulse Flashover: | 669 kV | Min. Withstand: | 577 kV |
| Neg. Critical Impulse Flashover: | 712 kV | Min. Withstand: | 608 kV |

MECHANICAL VALUES

| | | |
|-----------------------------|------------|----------|
| Specified Mech. Load (SML): | 25,000 lbs | 111.2 kN |
| Routine Test Load (RTL): | 12,500 lbs | 55.6 kN |



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Dimensions: inches [millimeters]

Note: Drawing not actual depiction of insulator appearance

Silicone Rubber Sheath & Sheds
Complies with applicable ANSI and IEC standards.